



154 W  
 가 가 가  
 가 가 0.5 mm 가  
 가 10 ~ 30  $\mu\text{m}$  , Fig. 4 가  
 Fig. 5 가  
 0.42 N/ $\mu\text{m}$ , Z 0.71 N/ $\mu\text{m}$   
 가 5  $\mu\text{m}$  가 0.1  $\mu\text{m}$  가 가  
 Fig. 6 가  
 10  $\mu\text{m}/\text{rev}$  , 가 2  $\mu\text{m}$ ,  
 Fig. 7  
 0.16  $\mu\text{m}$  0.09  $\mu\text{m}$  , 가 (Ra)  
 0.012  $\mu\text{m}$  0.018  $\mu\text{m}$ , Rz 0.109  $\mu\text{m}$  0.083  $\mu\text{m}$   
 가 가  
 가

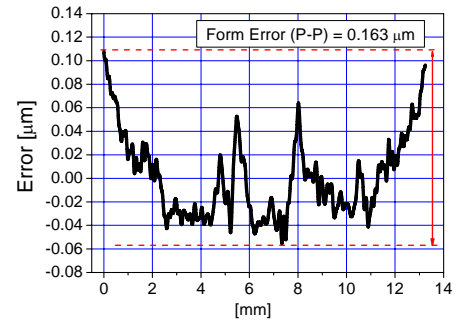


Fig. 7a. Measured form error of flat mirror surface

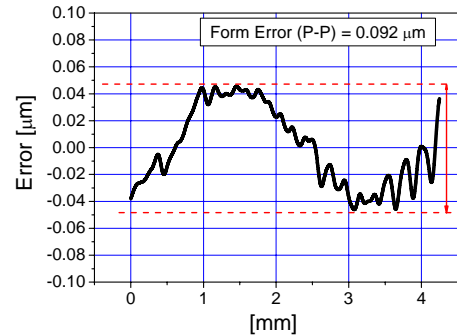


Fig. 7b. Measured form error of spherical mirror surface

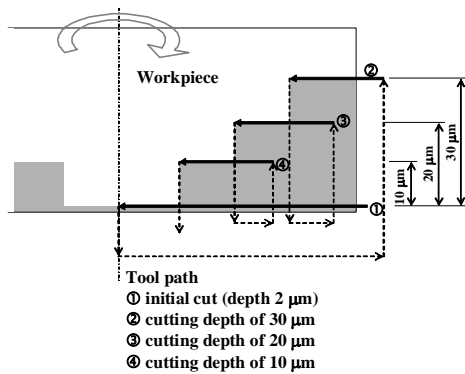


Fig. 4 Tool paths of cutting test for stiffness estimation

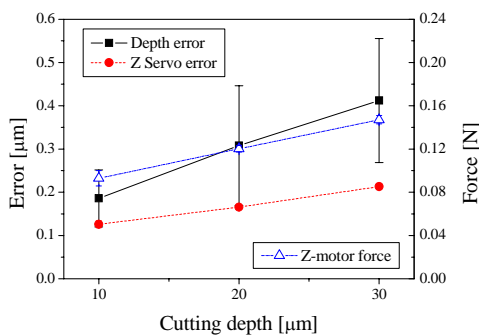


Fig. 5 Results of cutting test for stiffness estimation



Fig. 6 Machined flat and spherical mirrors

4.

X, Z  
 20 x 20 mm<sup>2</sup>, 가 200 x 350 x 170 mm<sup>3</sup>  
 NC 가 가 가 , 가  
 0.2  $\mu\text{m}$ , Ra = 0.02  $\mu\text{m}$  가  
 가 가 가 가  
 가 가 가

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